

Otelixizumab

Chemical Properties

CAS No. :	881191-44-2
Formula:	
Molecular Weight:	144.58 kDa
Storage:	Store at low temperature -20°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Otelixizumab (ChAglyCD3) is a chimeric monoclonal antibody targeting CD3, used in research on Type 1 diabetes and autoimmune diseases.
Targets(IC50)	Others,Integrin
In vitro	Methods: Isolated intrinsic monocyte layer (LPMC) and mucosal tissue explants were incubated with Otelixizumab for 24-48 hours. The production of inflammatory cytokines was determined by enzyme-linked immunosorbent assay. Results: Incubation of LPMC with Otelixizumab reduced the production of interferon gamma, interleukin (IL) -17A, and other inflammatory cytokines and chemokines, while increasing the production of IL-10.[1]
In vivo	Human CD3ε chain (nod-HUCdε) transgenic mice treated with Otelixizumab (50 µg/ day, 5 days, intravenously) experienced remission of diabetes symptoms in 47% of mice.[2]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0346 mL	0.0692 mL
5 mM	0.0014 mL	0.0069 mL	0.0138 mL
10 mM	0.0007 mL	0.0035 mL	0.0069 mL
50 mM	0.0001 mL	0.0007 mL	0.0014 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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